

Light Burned Technical Grade Magnesium Oxide

| DESCRIPTION | MagChem [®] 50 is a high purity technical grade of magnesium oxide processed from magnesium-rich brine. This fine white powder has a very high reactivity index, low bulk density, and excellent flow properties. | | | |
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| USES | MagChem 50 is well suited for chemical reactions where high reactivity and rapid conversion to magnesium hydroxide are required because of its very high surface area. MagChem 50 has high purity and controlled activity which makes it an excellent magnesium source for the manufacture of many magnesium compounds. MagChem 50 is used in rubber compounding, plastic thickening, filtrate clarification, odor removal, and a variety of selective adsorptions. | | | |
| COMPOSITION | Magnesium Oxide (MgO), % ignited basis Calcium Oxide (CaO), % Silicon Oxide (SiO ₂), % Iron Oxide (Fe ₂ O ₃), % Aluminum Oxide (Al ₂ O ₃), % Chloride (Cl), % Sulfate (SO ₃), % Loss on Ignition, % | Typical 98.2 0.8 0.35 0.15 0.10 0.30 0.05 3.5 | 0.5 0.3 0.2 0.5 0.3 | min. |
| PHYSICAL PROPERTIES | Bulk Density, loose, lb/ft ³ (g/cm ³) Mean Particle Size, microns Surface Area, m ² /g Activity Index, seconds Screen Size, % passing 100 mesh Screen Size, % passing 325 mesh, wet | 24 (0.38) 3 - 8 60 8 100.0 99.5 | 50 9 99.9 99.0 | |
| PACKAGING | Available in bulk carload and truckload, 25-kg (55.1-lb) polyethylene-lined, multi-walled bags and 1000-kg (2204-lb) bulk sacks. | | | |
| STORAGE | Store in dry place. Exposure to moisture may cause caking. | | | |

NOTICE

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Martin Marietta Magnesia Specialties, LLC

8140 Corporate Drive, Suite 220 Nottingham, MD 21236 Phone: 800-648-7400 or 410-780-5500 FAX: 410-780-5555 E-mail: MagChem@martinmarietta.com www.magnesiaspecialties.com



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